



DOCKET NO.: L0655.70006US01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Alexei A. Erchak  
Serial No.: 10/724,033  
Confirmation No.: 7277  
Filed: November 26, 2003  
For: LIGHT-EMITTING DIODE UTILIZING A PHYSICAL  
PATTERN

Examiner: B. Won  
Art Unit: 2879

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to MAIL STOP AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 23<sup>rd</sup> day of December, 2005.

Melanie Hunt  
Melanie Hunt

**MAIL STOP AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**STATEMENT FILED PURSUANT TO THE DUTY OF  
DISCLOSURE UNDER 37 CFR §§1.56, 1.97 AND 1.98**

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§1.56, 1.97 and 1.98, the Applicant requests consideration of this Information Disclosure Statement.

**PART I: Compliance with 37 C.F.R. §1.97**

This Information Disclosure Statement has been filed more than three months after the filing date of this application and after the mailing date of the first Office action, but before the mailing date of any final action under 37 C.F.R. §1.113, a Notice of Allowance under 37 C.F.R. §1.311, or an action that otherwise closes prosecution in this application.

The fee of \$180.00 as set forth in 37 C.F.R. §1.17(p) is enclosed.

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PTO did not receive the following  
listed item(s): 10/724,033

PART II: Information Cited

The Applicant hereby makes of record in the above-identified application the information listed on the attached form PTO-1449 (modified PTO/SB/08). The order of presentation of the references should not be construed as an indication of the importance of the references.

PART III: Explanation of Non-English Language References and Remarks Concerning Other Information Cited

Applicant is providing an English language family member of WO 02/089221 (US 2004/0012958), though Applicant cannot confirm if the English language family member includes the same disclosure as WO 02/089221.

PART IV: Remarks

Documents cited anywhere in the Information Disclosure Statement are enclosed unless otherwise indicated. It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 (modified PTO/SB/08) be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application;
3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicant makes no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

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By submitting this Information Disclosure Statement, the Applicant makes no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined by 35 U.S.C. §102.

Notwithstanding any statements by the Applicant, the Examiner is urged to form his or her own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

Respectfully submitted,

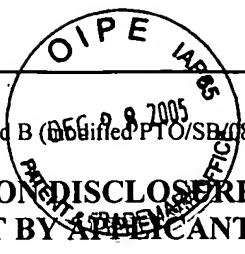


By:

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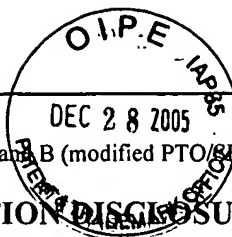
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Docket No.: L0655.70006US01  
Date: December 23, 2005  
**x01/01/06x**

 FORM PTO-1449/A and B (modified PTO/SB-08) <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		APPLICATION NO.: 10/724,033	ATTY. DOCKET NO.: L0655.70006US01
		FILING DATE: November 26, 2003	CONFIRMATION NO.: 7277
		APPLICANT: Alexei A. Erchak	
		GROUP ART UNIT: 2879	EXAMINER: B. Won
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### U.S. PATENT DOCUMENTS

Examiner's Initials #	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or Issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
		3739217		Bergh	06-12-1973
		4729076		Masami	03-01-1988
		5113232		Itoh	05-12-1992
		5528057		Yanagase	06-18-1996
		5793062		Kish	08-11-1998
		6045240		Hochstein	04-04-2000
		6340824		Komoto	01-22-2002
		6375340		Biebl	04-23-2002
		6410348		Chen	06-25-2002
		6410348		Jiang	06-25-2002
		6450664		Kelly	09-17-2002
		6452217		Wojnarowski	09-17-2002
		6468824		Chen	10-22-2002
		6475819		Franz	11-05-2002
		6476549		Yu	11-05-2002
		6480389		Shie	11-12-2002
		6481874		Petroski	11-19-2002
		6501103		Jory	12-31-2002
		6518600		Shaddock	02-11-2003
		6614056		Tarsa	09-02-2003
		6624491		Waitl	09-23-2003
		6627521		Furukawa	09-30-2003
		6661028		Chen	12-09-2003
		6759723		Silverbrook	07-06-2004
		6791117		Yoshitake	09-14-2004
		6791259		Stokes	09-14-2004
		6800500		Coman	10-05-2004
		6812503		Lin	11-02-2004
		6818531		Yoo	11-16-2004
		6828724		Burroughes	12-07-2004
		6849876		Chen	02-01-2005
		6864571		Arik	03-08-2005
		6878969		Tanaka	04-12-2005
		6881980		Ting	04-19-2005
		6891203		Kozawa	05-10-2005
		6900587		Seuhiro	05-31-2005
		6914261		Ho	07-05-2005
		6924163		Okazaki	08-02-2005
		6943379		Seuhiro	09-13-2005



<b>FORM PTO-1449/A and B (modified PTO/8B/08)</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		APPLICATION NO.: 10/724,033		ATTY. DOCKET NO.: L0655.70006US01	
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Sheet	2	of	2		

**U.S. PATENT DOCUMENTS**

Examiner's Initials #	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or Issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
		6946683		Sano	09-20-2005
		6958494		Lin	10-25-2005
		6964501		Ryan	11-15-2005
		20030141563		Wang	07-31-2003
		20030209714		Taskar	11-13-2003
		20040124002		Mazzochetts	07-01-2004
		20040130263		Hornig	07-08-2004
		20040222433		Mazzochette	11-11-2004
		20050082545		Wierer	04-21-2005
		20050110036		Park	05-26-2005
		20050112886		Asakawa	05-26-2005
		20050205883		Wierer	09-22-2005
		20050231983		Dahm	10-20-2005
		20050258438		Arik	11-24-2005

**FOREIGN PATENT DOCUMENTS**

Examiner's Initials #	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/ Country	Number	Kind Code			
		WO	02/41406		Emcore Corporation	05-23-2002	
		WO	02/089221		Matsushita Electric Works, Ltd.	11-07-2002	

**OTHER ART — NON PATENT LITERATURE DOCUMENTS**

Examiner's Initials #	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)

EXAMINER:	DATE CONSIDERED:
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# EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

\*a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. \_\_, filed \_\_, and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

[NOTE – No copies of U.S. patents, published U.S. patent applications, or pending, unpublished patent applications stored in the USPTO's Image File Wrapper (IFW) system, are included. See 37 CFR §1.98 and 1287OG163. Copies of all other patent(s), publication(s), unpublished, pending U.S. patent applications, or other information listed are provided as required by 37 CFR §1.98 unless 1) such copies were provided in an IDS in an earlier application that complies with 37 CFR §1.98, and 2) the earlier application is relied upon for an earlier filing date under 35 U.S.C. §120.]